504862966 04/11/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4909706

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ATSUSHI ISHIHARA	04/04/2018
MORITO MORISHIMA	04/05/2018
KIYOSHI YAMAKI	04/06/2018
TAKEHIKO KAWAHARA	04/04/2018

RECEIVING PARTY DATA

Name:	YAMAHA CORPORATION
Street Address:	10-1, NAKAZAWA-CHO, NAKA-KU, SHIZUOKA-KEN
City:	HAMAMATSU-SHI
State/Country:	JAPAN
Postal Code:	430-8650

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15950338

CORRESPONDENCE DATA

Fax Number: (703)726-6024

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703-726-6020 Email: mail@rkmllp.com

ROSSI, KIMMS & MCDOWELL LLP **Correspondent Name:** Address Line 1: 20609 GORDON PARK SQUARE

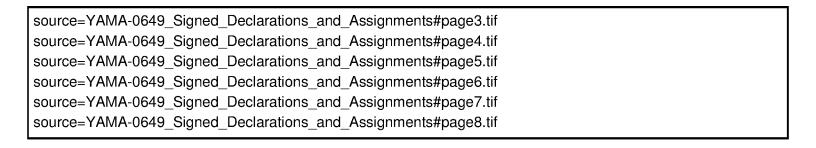
Address Line 2: **SUITE 150**

Address Line 4: ASHBURN, VIRGINIA 20147

ATTORNEY DOCKET NUMBER:	YAMA-0649
NAME OF SUBMITTER:	TAMMY KASSICK
SIGNATURE:	/Tammy Kassick/
DATE SIGNED:	04/11/2018

Total Attachments: 8

source=YAMA-0649 Signed Declarations and Assignments#page1.tif source=YAMA-0649 Signed Declarations and Assignments#page2.tif



DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, or United States Plus all Foreign Patent Rights

7 (1) ~ ~ *	invention
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 SOUND SIGNAL CONTROLLING APPARATUS, SOUND SIGNAL CONTROLLING METHOD, AND RECORDING MEDIUM

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

Application	not
Attached	

This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

Enter Appln, No.

United States Application Number or PCT International Appln. No.

15/950,338

Enter Filing Date • filed on April 11, 2018

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

Insert Name of Assignee

⇒ WHEREAS. YAMAHA CORPORATION

Insert Address of Assignee 🗢 of 10-1, Nakazawa-cho, Naka-ku, Hamamatsu-shi, Shizuoka-ken, 430-8650, JAPAN

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

Check Box If Appropriate

in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Rossi, Kimms & McDowell LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

	LEGAL N	AME OF INVENTOR			
Inventor's Name	⇒ Inventor:	Atsushi ISHIHARA	Date:	april 4,	20/8
Inventor's Signature	° ⇒ Signature:	Atseshi Ishihara			
An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.					
Additional inventors are being named on the one (1) supplemental sheet(s) attached hereto.					

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, or Juited States Plus all Foreign Patent Rights

		United States Plus all Foreign Patent Rights
Title of Invention	.e	SOUND SIGNAL CONTROLLING APPARATUS, SOUND SIGNAL CONTROLLING METHOD, AND RECORDING MEDIUM
		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
Application not Attached	c)	This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Appin, No.	H	United States Application Number or PCT International Appln. No. 15/950,338
Enter Filing Date	دي	filed on April 11, 2018
		The above-identified application was made or authorized to be made by me.
		I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
		I have reviewed and understand the contents of the above-identified application, including the claims.
		I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
		WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
Insert Name of Assignee	\$	WHEREAS, YAMAHA CORPORATION
insert Address of Assignee	❖	of 10-1, Nakazawa-cho, Naka-ku, Hamamatsu-shi, Shizuoka-ken, 430-8650, JAPAN
		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	ಧ	in any foreign countries.
		NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

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The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Rossi, Kimms & McDowell LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR					
Inventor's Name	Morito MORISHIMA	Date:	April	5,2018	
Inventor's Signature > Signature:	Monto Moreslina				
An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.					
Additional inventors are being named on the one (1) supplemental sheet(s) attached hereto.					

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, or UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

3 (8)6	Ç,	Invention

⇒ SOUND SIGNAL CONTROLLING APPARATUS, SOUND SIGNAL CONTROLLING METHOD, AND RECORDING MEDIUM

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that: Application not This declaration is directed to the application attached hereto. If the application is not attached hereto, the Attached application is as identified by the attorney docket number as set forth above and/or the following: Enter Appln. No. United States Application Number or PCT International Appln. No. 15/950,338 Enter Filing Date ⇒ filed on April 11, 2018 The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56. WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified. Insert Name WHEREAS, YAMAHA CORPORATION of Assignee Insert Address of 10-1, Nakazawa-cho, Naka-ku, Hamamatsu-shi, Shizuoka-ken, 430-8650, JAPAN of Assignee its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and Check Box if in any foreign countries. Appropriate NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories,

> dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

terms for which the same may be granted

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

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The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

	LEGAL NA	AME OF INVENTOR				
Inventor's Name :	Inventor:	Kiyoshi YAMAKI	Date:	Apr.	6 , 201	· 8
Inventor's Signature	Signature:	Kiyoshi Yamaki				
An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.						
Additional inventors are being named on the one (1) supplemental sheet(s) attached hereto.						

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, or

	United States Plus all Foreign Patent Rights			
Title of Invention	 SOUND SIGNAL CONTROLLING APPARATUS, SOUND SIGNAL CONTROLLING METHOD, AND RECORDING MEDIUM 			
	As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:			
Application not Attached	This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:			
Enter Appln, No.	United States Application Number or PCT International Appln. No. 15/950,338			
Enter Filing Date	filed onApril 11, 2018			
	The above-identified application was made or authorized to be made by me.			
	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
	I have reviewed and understand the contents of the above-identified application, including the claims.			
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.			
	WHEREAS, the undersigned has invented certain new and useful improvements described in th application identified.			
Insert Name of Assignee	WHEREAS, YAMAHA CORPORATION			
Insert Address of Assignee	of 10-1, Nakazawa-cho, Naka-ku, Hamamatsu-shi, Shizuoka-ken, 430-8650, JAPAN			
	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letter Patent(s) that may be granted therefor in the United States of America and			
Check Box if Appropriate	in any foreign countries.			
	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to an and all Letters Patent(s) which may be granted therefor in the United States of America, its territories dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term of			

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In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF INVENTOR

Inventor's Name > Inventor.	Takehiko KAWAHARA		Date: April , 24, 28/8		
Inventor's Signature > Signature:	TAIGENIKO	KAWAMARA	***		
An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.					
Additional inventors are being named on the one (1) supplemental sheet(s) attached hereto.					

Page 2 of 2